

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/002664

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 C12Q 1/68**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C12Q 1/68, G01N 33/48

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and application for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
NPS, PAJ, BIOSIS, WPNDEX, MEDLINE, DELPHION

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 2001-39264 A (LG ELECTRICS INC.) 15 MAY 2001 see entire document	1-15
A	JP 11094747 A2 (HITACHI SOFTWARE ENG CO LTD) 09 APR 1999 see entire document	1-15
A	US 5057685 (KABUSHIKI KAISHA TOSHIBA) 15 OCT 1991 see entire document	1-15

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
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 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search

16 FEBRUARY 2005 (16.02.2005)

Date of mailing of the international search report

**17 FEBRUARY 2005 (17.02.2005)**

Name and mailing address of the ISA/KR



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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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